



ZIGBEE

Product Introduction

Our products are sold all over the world





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About Gledopto

GLEDOPTO CO.,LTD devotes itself to developing new products with new idea or new technology.

We always follow the tenet of "good faith cooperation to create a win-win situation",and insist on "good quality is our responsibility to customers, good quality is the only sustainable condition" to provide customers with first-class products, first-class technical support and first-class service.

Gledopto located in Shenzhen since 2010. Innovation is the aim of our work.We make our traditional LED products reborn with our new RF remote control technology, ZIGBEE technology and rich LED experience.

Certificates



Product Classification

Indoor products

LED Controller

Patent No.: 2017306320366



RGB+CCT LED Controller



RGBW LED Controller



WW/CW LED Controller



LED Dimmer

LED Bulb



4W Dual White And Color LED Bulb



6W Dual White And Color LED Bulb



12W Dual White And Color LED Bulb

Spotlight

Patent No.: 201830244072.X



5W Dual White And Color LED PAR16



5W Dual White And Color LED GU10

Downlight



6W Dual White And Color LED Downlight



9W Dual White And Color LED Downlight



12W Dual White And Color LED Downlight

Outdoor products

Flood light

Dual White And Color



10W Flood light



30W Flood light



60W Flood light

Garden lamp

Dual White And Color



9W Garden lamp



12W Garden lamp

Compatible gateways for Zigbee light link(ZLL)

For gateways such as [philips hue](#), [Homee](#), [osram lightify](#), [ikea tradfri](#) or [amazon echo plus](#).





INDOOR --- PRODUCTS

ZIGBEE LED Controller

RGB+CCT

RGBW

WW/CW

LED Dimmer



Fireproof material
Press type Design
Compatible for Zigbee

Controller



Structure



Fireproof material
high temperature resistance.



Dual White and Color
color, brightness, color temperature and saturation can be adjusted.



Press type Design
Wiring is more convenient.

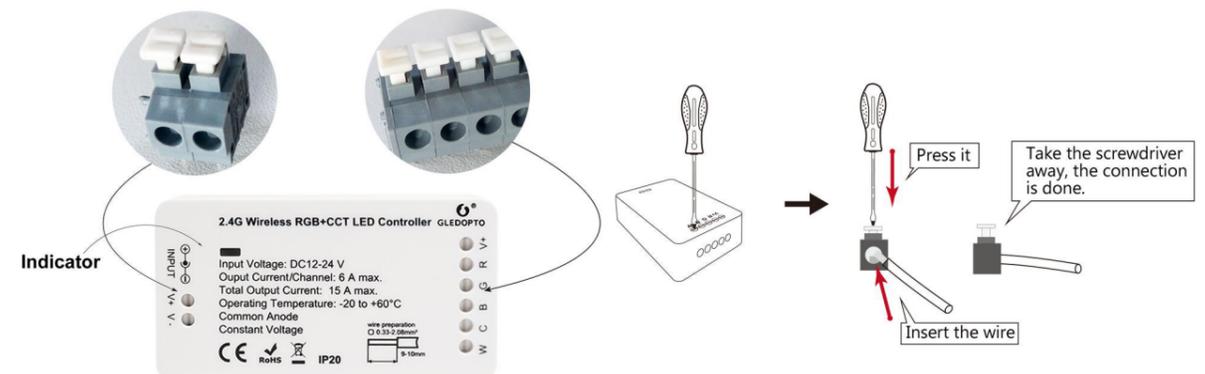


Compatible gateways for Zigbee light link(ZLL)
ZIGBEE transmission technology, MESH, multi signal at the same time to transmit, receive, anti interference ability.

16 million colors changing



Easy to install



Parameter

Input Voltage	DC12-24 V
Size	23.5x48x89mm
Output Current/Channel	6 A max
Protection rate	IP20
Total Output Current	15 A max
Operating Temperature	-20°C~60°C
Common Anode	
Constant Voltage	

ZIGBEE

4W/6W/12W LED BULB

—Dual White And Color—



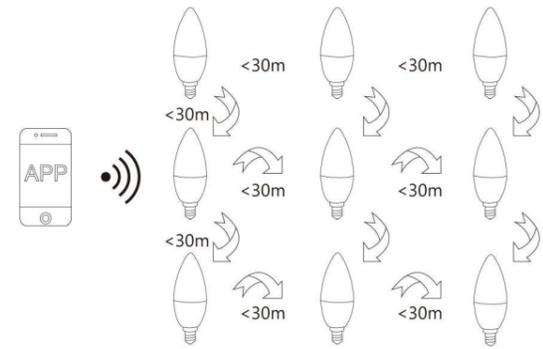
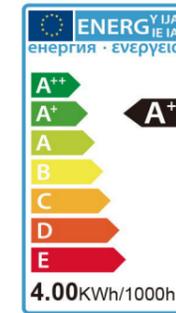
16 million color changing
 Brightness adjustment
 Smart phone control

4W Candle Light Bulb



Parameter

- Size: $\Phi 37.5 \times 103.5\text{mm}$ (E12) / $\Phi 37.5 \times 110\text{mm}$ (E14)
- Power Rating: 4W
- Input voltage: AC100~240V
- Color temperature: 2700K~6500K
- Luminous Flux: 200LM
- Working Temp: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Beam angle: 120°
- Lifetime: 50000hours
- CRI: >80
- N.W.: 0.04kg
- G.W.: 0.06kg
- Housing: Plastic + Aluminum
- LED Quantity: 3.0W RGB SMD5050 1pcs
1.0W SMD 3030 6pcs
- Function: functional white light, all shades of white, from warm to cold white color, dimmable via smart device only



Auto-transfer

Features

Gateways/hubs Gledopto zigbee products Directly work with: HUE, Amazon echo plus, smartthings, Osram lightify, Ikea TRÅDFRI, Homee etc, Via Hue gateway, can work with google home, all other alexa devices

Apps work with Hue gateway: Hue, hueparty, hue Disco, iConnectHue, Hue Widget, Light DJ, etc

Work with Home assistant: https://www.reddit.com/r/Gledopto/comments/ad9mbh/how_to_use_home_assistant_the_to_control_gledopto/

Work with Homekit: https://www.reddit.com/r/Gledopto/comments/amp3v9/i_wrote_a_little_guide_on_getting_the_gledopto/

Sync effect with screenbloom: Sync your lights with movies, music, and games, Enjoy the lighting effect which synchronizes with the plot of the picture immediately, and experience the more delicate atmosphere lighting effect.

How to sync? please follow this website: <http://www.screenbloom.com/>
 Sync Show Demo: https://youtu.be/zZjtJMy_774

Q&A or more info, please go to: <https://www.reddit.com/r/Gledopto/>

Structure



High-quality LED chips, Low fever, high brightness, durable, use life of 50 thousand hours or so.



Adopt high - grade PMMA Lens, transmittance 93%, The light distribution is more uniform, no dark spots, effectively reduce the adverse glare damage to the eyes.



Fireproof material, high temperature resistance, durable and reliable.



ZIGBEE transmission technology, multi signal at the same time to transmit, receive, anti interference ability.



Use of high quality power supply, long life, can be used for a long time, more safe and reliable



E12/E14 wide voltage design (100-240V), wide application, durable, universal.

6W LED Bulb



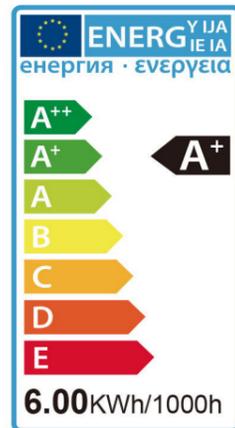
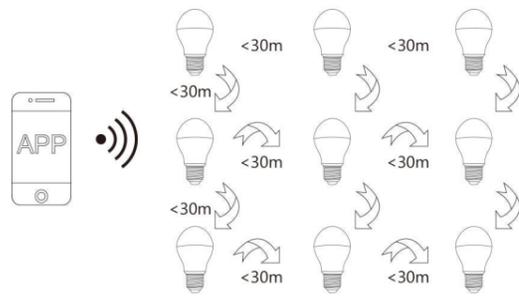
Parameter

- **Size:** Φ57*102mm
- **Power Rating:** 6W
- **Input voltage:** AC100~240V
- **Color temperature:** 2700~6500K
- **Luminous Flux:** 500~550LM
- **Working Temp:** -20°C~60°C
- **Beam angle:** 180°
- **Lifetime:** 50000hours
- **CRI:** >80
- **N.W.:** 0.07kg
- **G.W.:** 0.1kg
- **Huosing:** Plastic + Aluminum
- **LED Quantity:** 1.5W RGB SMD5050 4pcs
1.0W SMD 3030 10pcs
- **Function:** functional white light,all shades of white,from warm to cold white color,dimmable via smart device only

Application



Auto-transfer



- **16million color changing**
16 million colors for you to choose and make your life colorful.
- **Brightness adjustment**
Choose the right brightness according to your needs
- **Color temperature regulation**
Warm white to cool white change randomly from 2700~6500K
- **Smart phone APP control**
You can control the lights of all the rooms by mobile phone APP, which will make your life more convenient.

Enjoy your smart lighting life



Party

Work

Study

Sleep

12W LED Bulb



Parameter

- **Size:** Φ70*147mm
- **Power Rating:** 12W
- **Input voltage:** AC100~240V
- **Color temperature:** 2700~6500K
- **Luminous Flux:** 900~1100LM
- **Working Temp:** -20°C~60°C
- **Beam angle:** 220°
- **Lifetime:** 50000hours
- **CRI:** >80
- **N.W.:** 0.26kg
- **G.W.:** 0.3kg
- **Huosing:** Aluminum
- **LED Quantity:** 1.5W RGB SMD5050 4pcs
1.0W SMD 3030 12pcs
- **Function:** functional white light,all shades of white,from warm to cold white color,dimmable via smart device only

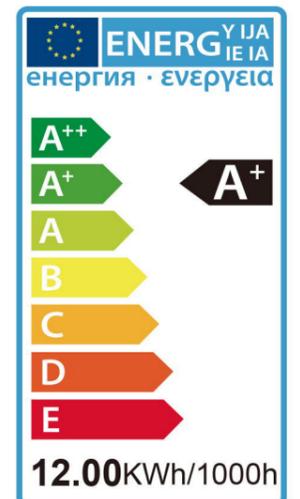
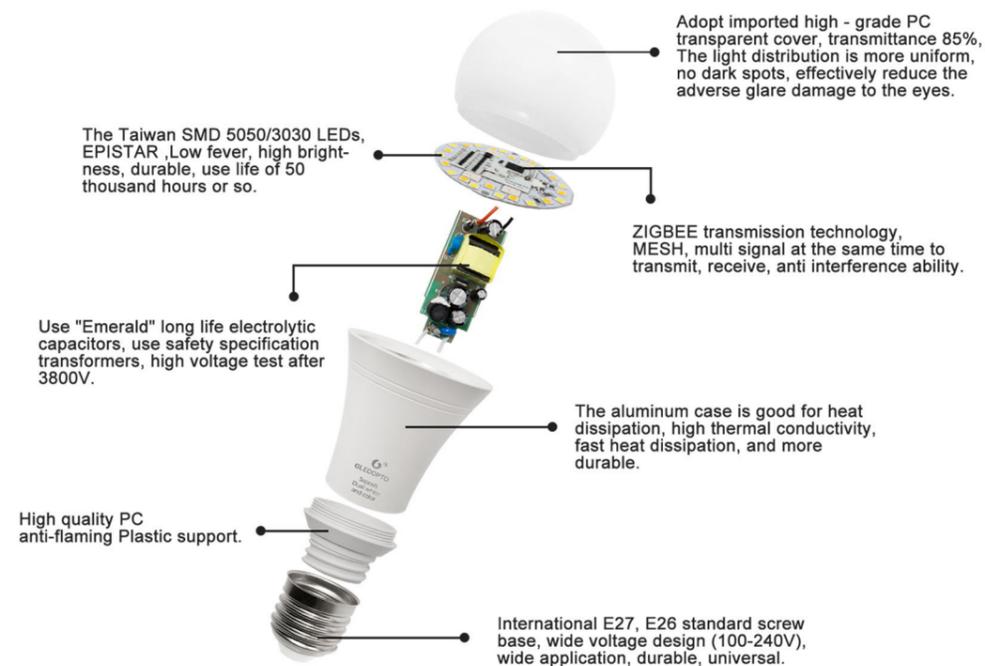
Features

- Soft start,high safety
- Power off memory
- Easy Installation
- Compatible gateways for Zigbee light link(ZLL)
- 16 million colors changing
- Two years warranty,CE,RoHS

Smart phone app control



Structure



ZIGBEE

5W GU10 Spotlight Dual White And Color



SMART LIGHTING
HAPPY LIFE

5W GU10



Beam angle: 30°



Beam angle: 120°

Parameter

- **Size:** Φ49.5*58mm
- **Power Rating:** 5W
- **Input voltage:** AC100~240V
- **Color temperature:** 2700~6500K
- **Luminous Flux:** 300~350LM
- **Working Temp:** -20°C~60°C
- **Beam angle:** 30°/120°
- **Lifetime:** 50000hours
- **CRI:** >80
- **N.W.:** 0.09kg
- **G.W.:** 0.1kg
- **Huosing:** Aluminum
- **LED Quantity:** 1.5W RGB SMD5050 2pcs
1.0W SMD 3030 8pcs
- **Function:** functional white light,all shades of white,from warm to cold white color,dimmable via smart device only

Structure



■ GU10 wide voltage design (100-240V), wide application, durable, universal.



■ Aluminum housing with better heat sink effect, surface treated with the electrophoresis paint, more excellent performance.



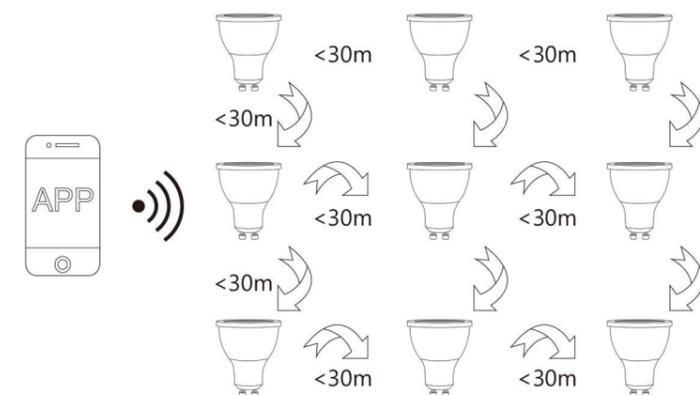
■ Adopt high - grade PMMA Lens, transmittance 93%,reduce the adverse glare damage to the eyes.



■ ZIGBEE transmission technology, multi signal at the same time to transmit.



Auto-transfer



16 million colors changing



ZIGBEE

5W PAR16 Spotlight Dual White And Color



SMART LIGHTING
HAPPY LIFE

5W PAR16



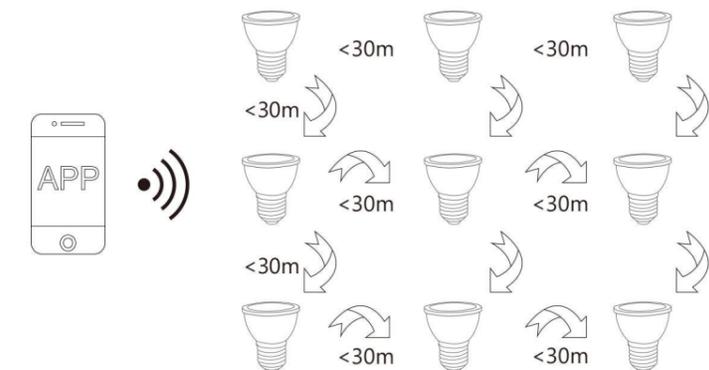
Parameter

- **Size:** $\Phi 49.5 \times 61$ mm
- **Power Rating:** 5W
- **Input voltage:** AC100~240V
- **Color temperature:** 2700~6500K
- **Luminous Flux:** 300~350LM
- **Working Temp:** $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- **Beam angle:** 30°
- **Lifetime:** 50000hours
- **CRI:** >80
- **N.W.:** 0.09kg
- **G.W.:** 0.1kg
- **Housing:** Aluminum
- **LED Quantity:** 1.5W RGB SMD5050 2pcs
1.0W SMD 3030 8pcs
- **Function:** functional white light, all shades of white, from warm to cold white color, dimmable via smart device only

Features

- Soft start, high safety
- Power off memory
- Easy Installation
- Compatible gateways for Zigbee light link (ZLL)
- 16 million colors changing
- Two years warranty, CE, RoHS

Auto-transfer



16 million colors changing



Structure



■ PAR16
wide voltage design
(100-240V), wide application,
durable, universal.



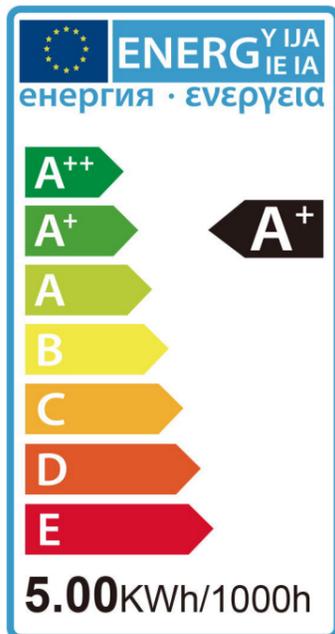
■ Aluminum housing with better
heat sink effect, surface treated
with the electrophoresis paint,
more excellent performance.



■ Adopt high - grade PMMA Lens,
transmittance 93%, reduce the
adverse glare damage to the eyes.



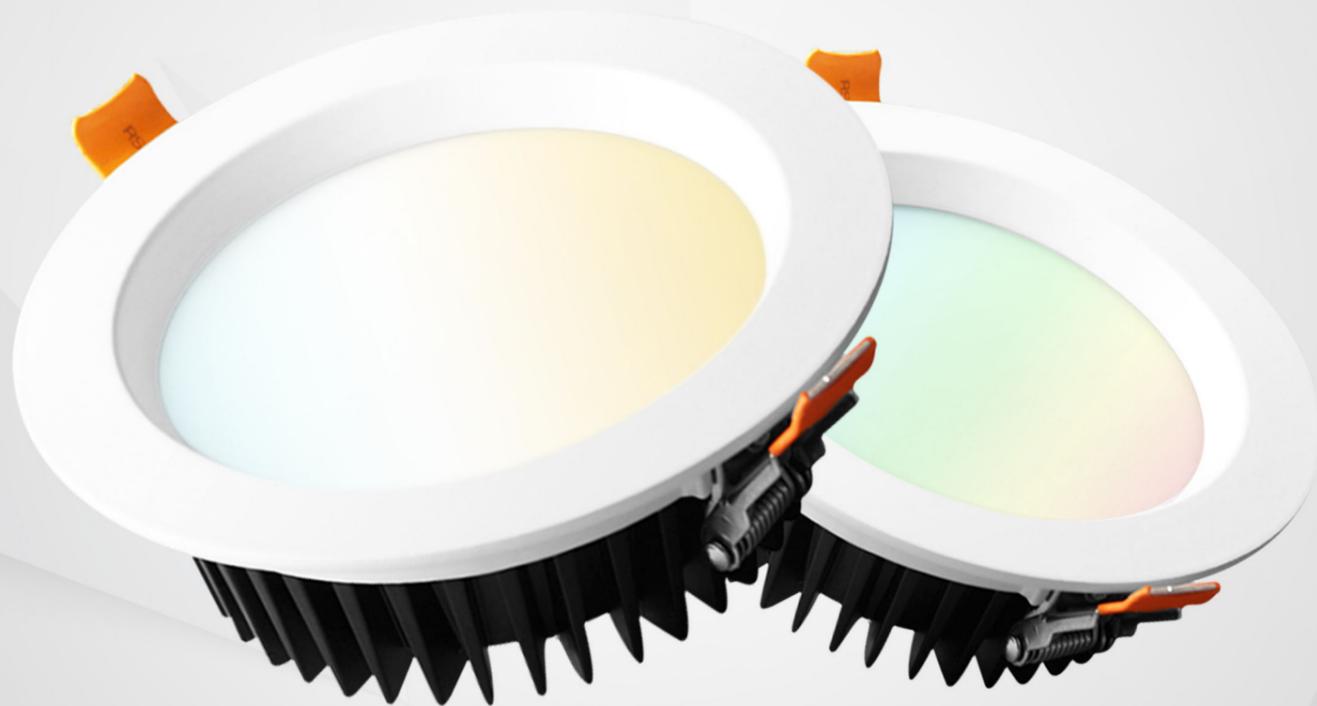
■ ZIGBEE transmission
technology, multi signal at
the same time to transmit.



ZIGBEE

6W/9W/12W LED DOWNLIGHT

Dual White And Color



16 million color changing
Brightness adjustment
Smart phone control
.....

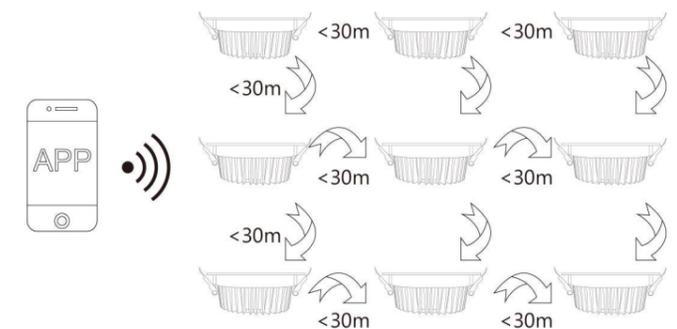
6W/9W/12W LED Downlight



Parameter

Power	6W	9W	12W
Hole Size	100~110mm	100~110mm	130~140mm
Luminous Flux	500~550LM	800~850LM	1000~1050LM
CRI	>80		
PF	>0.5		
Lifespan	50000 hours		
Input Voltage	AC 100~240V		
Color temperature	2700~6500K		
Light Efficiency	88LM/W		
Material	Aluminum+PC Cover		

Auto-transfer



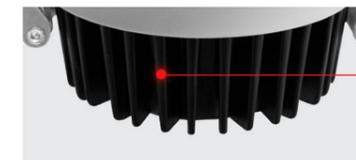
Structure



High light transmittance
High light transmitting rate ;
Bright and soft.



Stainless steel spring clip
The spring clip makes the installation
more stable.



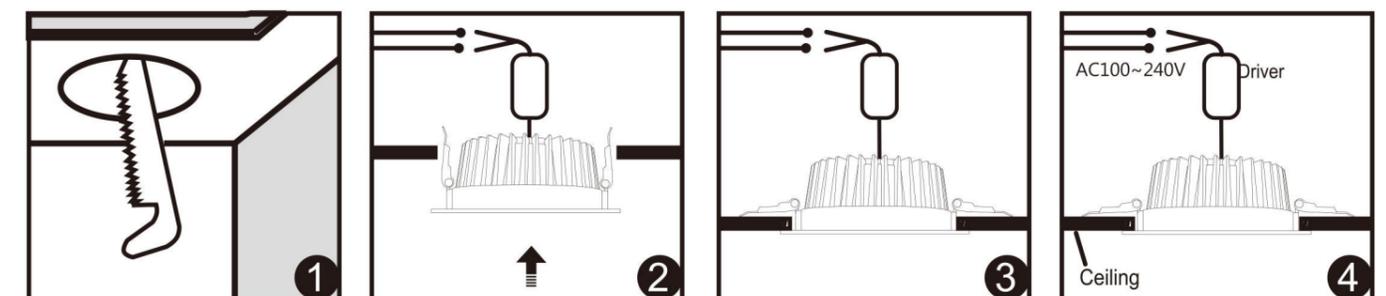
Aluminum Housing
Precision Aluminum, Corrosion
resistance and heat dissipation.



Constant current&voltage driver
Stable Current and Voltage;Improve the
lifespan of the lights.

Install

1. Please open the hole on the ceiling according to the correct size of Diagram 1.
2. Push in the two spring elements, make sure that they are deployed and anchored on the back of the ceiling Diagram 2 and 3.
3. Connect the driver properly according to the wire connection Diagram 4.



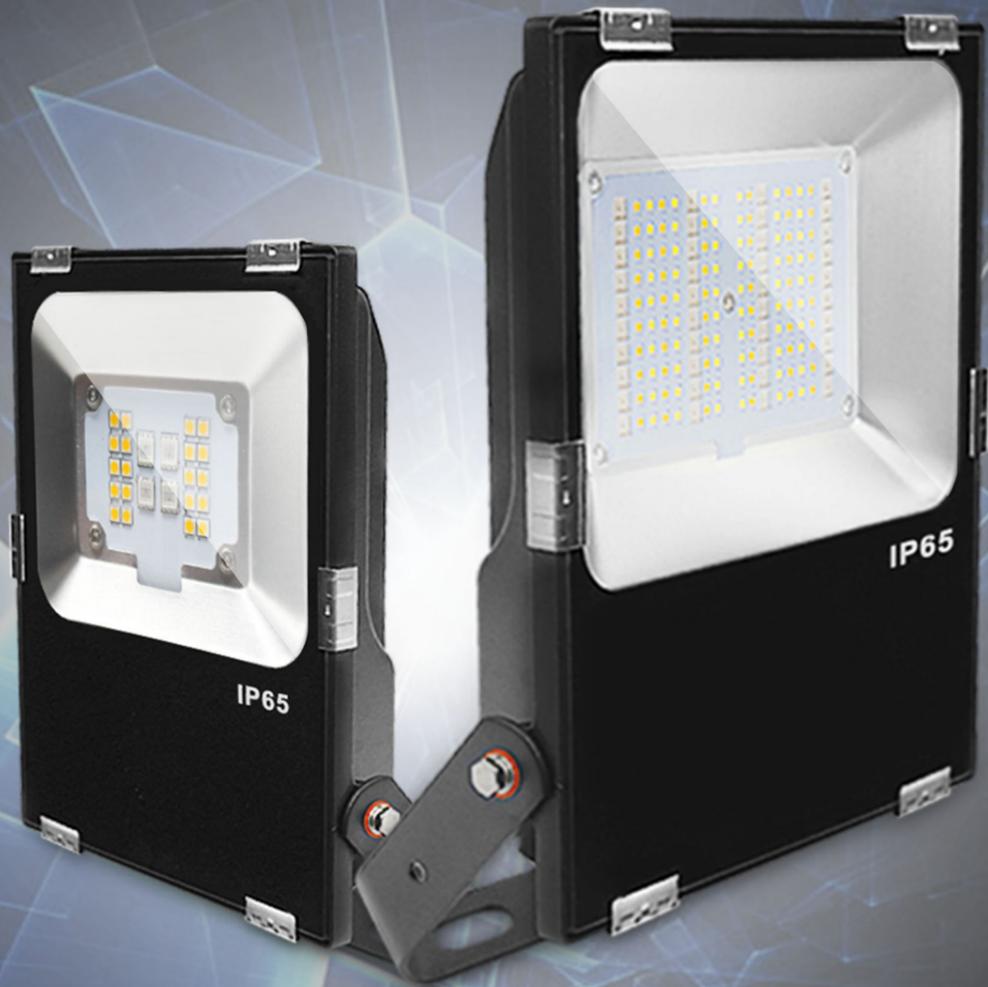


OUTDOOR --- PRODUCTS

ZIGBEE

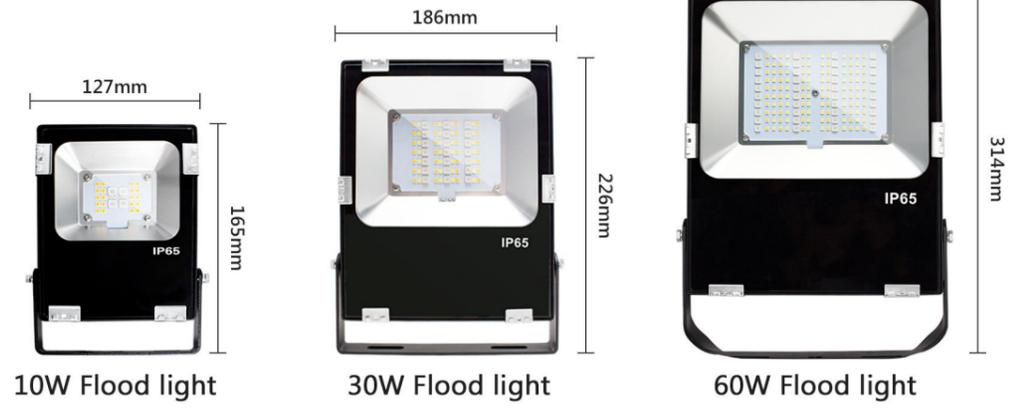
F10W/30W/60W Flood light

Dual White And Color



16 million color changing
 Brightness adjustment
 Smart phone control

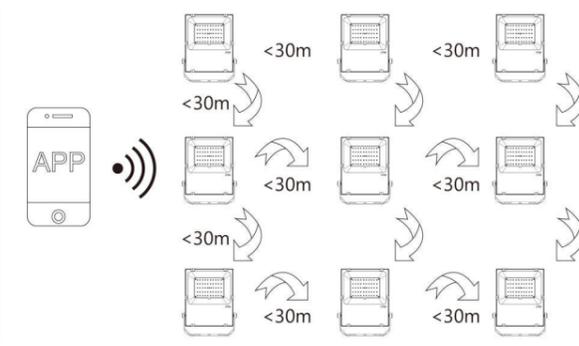
10W/30W/60W LED Flood light



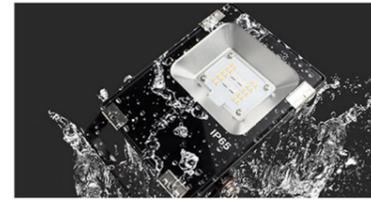
Parameter

Power	10W	30W	60W
Size	165x127x33mm	226x186x41mm	314x244x51mm
Luminous Flux	650~700LM	2000~2500LM	5000~5500LM
Net weight	440g	1060g	1960g
Input Voltage	AC 100~240V		
Color temperature	2700~6500K		
Working temp	-20~60°C		
Lifespan	50000 hours		
IP Rate	IP65		
Material	Aluminum,toughened glass		

Auto-transfer



Structure



Protection rate:IP65

By using whatr-proof connector and siliconrubber sealing,the protection rate can achieve IP65, meeting the requirement forharsh, tough environment.



The entire housing coated by electrophoretic paint

Processed by electrophoretic paint, measured by 200hours salt test,the entire housing has excellent corrosion resistance.



Wide angel for adjustment

With multiple adjustment points the adjustment angel can be up to 270°.



Pure aluminium reflector

The reflector is mede of pure aluminium(99.8%) which anti-oxidation and unfading in colour,ensuring the reflection.



Tempered glass panel

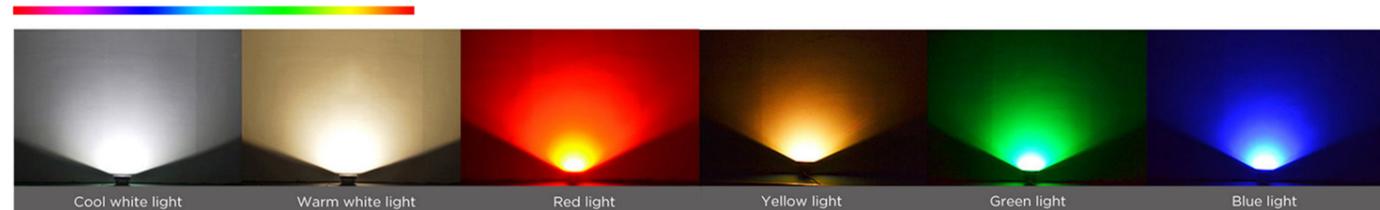
4 mm tempered glass panel safely protect the lighting source,and the transparent rate is up to 93%.



Stainless steel parts

Endurancing the corrosion of air, chemiccil acid,alkaline,salt and other materials,can be used in all kinds of harsh conditions for long term.

16 million colors changing



ZIGBEE

9W/12W {Garden lamp}
Dual White And Color



16 million color changing
Brightness adjustment
Smart phone control

9W Garden lamp



Parameter

- Power: 9W
- White LED Power: 9W
- RGB LED Power: 6W
- Luminous flux: 800~850LM
- Input voltage: AC100-240V
- Kelvin: 2700K~6500K
- Working temp: -20~60°C
- IP Rate: IP65
- CRI: Ra>80(whitie)
- Line length: 3m long cable
- Life span: 50,000h
- Gross weight: 1250g
- Size: 400x185x105mm
- Material: Aluminum+PMMA lens
- Cover: Transparent
- Beam angle: 60°

Structure

High Efficient LED Chips
The Taiwan EPSTAR 3030 chip distribution 15, Low fever, high brightness, durable, use life of 50 thousand hours or so.

Constructure&parts
High quality PMMA Lenz
Die-cast aluminium housing
excellent corrosion resistance
stainless steel screws and parts.

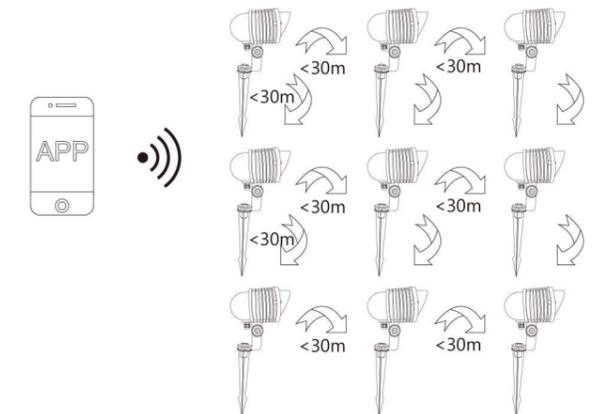
Angle adjust
We add an Allen key
It's easy for customers to change the angle

Anticorrosion inserted pole
High quality Aluminum, longer and more thickstrong anticorrosion

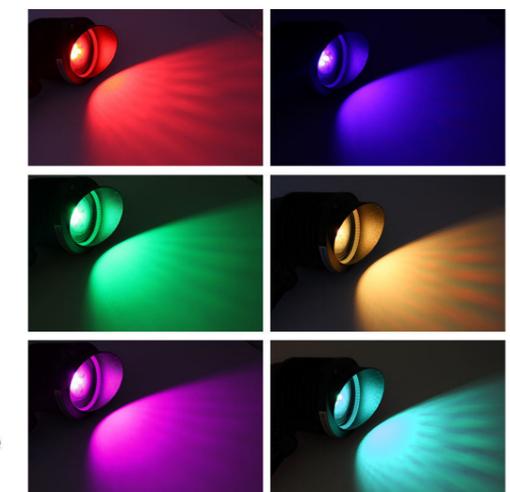
Features

- Soft start, high safety
- Power off memory
- Easy Installation
- Compatible gateways for Zigbee light link(ZLL)
- 16 million colors changing
- Two years warranty, CE, RoHS

Auto-transfer



16 million colors changing



12W Garden lamp



Parameter

- Power: 12W
- White LED Power: 12W
- RGB LED Power: 6W
- Luminous flux: 850~950LM
- Input voltage: AC100-240V
- Kelvin: 2700K~6500K
- Working temp: -20~60°C
- IP Rate: IP65
- CRI: Ra>80(whitie)
- Line length: 3m long cable
- Life span: 50,000h
- Gross weight: 950g
- Size: 137x300x51mm
- Material: Aluminum+PMMA lens
- Beam angle: 25°

Works with amazon alexa



Structure



High Efficient LED Chips

The Taiwan EPISTAR 3030 chip distribution 15, Low fever, high brightness, durable, use life of 50 thousand hours or so.



Constructure&Parts

High quality PMMA Lens
Die-cast aluminium housing
excellent corrosion resistance
stainless steel screws and parts.



Angle Adjust

It's easy for customers to change the angle



High Quality Plug&Cable

US/UK/AU/EU standard plug,
rubber cable x3M, H05RN-F/SJOW



Anticorrosion Stake

High quality Aluminum, longer
and stronger anticorrosion

16 million colors changing





ZIGBEE LIGHT LINK COMPATIBLE

Smart Phone App Control
Auto-transmitting Function
...

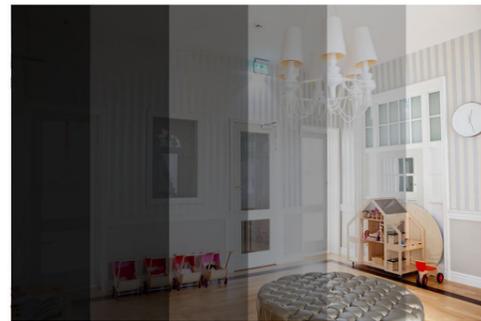
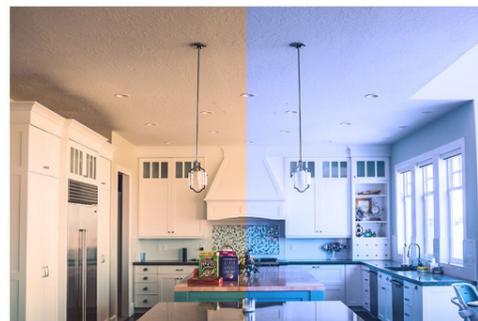


• Control your colorful life

16 million colors and saturation change, make the life full of beauty

• Color temperature regulation

Adjust warm white to cool white randomly, adjust the color temperature from 2700-6500K, make the light you want.



• Sync your lights with movies, music and games

Enjoy the lighting effect which synchronizes with the plot of the picture immediately, and experience the more delicate atmosphere lighting effect.



• Brightness adjustable

Adjust the brightness according to your different using requirements, give the light you want.



• Smart phone APP control

You can control the lights of all the rooms by mobile phone APP, which will make your life more convenient.